



# PREVENT STORM WATER CONTAMINATION

## *Best Management Practices for*

# Asphalt paving and roofing materials & Lubricant manufacturers



SIC Codes: 2951, 2952, 2992, 2999

### General Information:

1) Federal Storm Water regulations require the City to reduce the quantity of pollutants that enter our storm drains, rivers and washes from rainwater and other sources. 2) Water from any source that contains contaminants is prohibited from entering the storm drain system which includes, streets, catch basins (street grates), ditches, washes and rivers. 3) Commercial and industrial wash or wastewater is prohibited from entering the storm drain system, street or any other outside area. You may request a temporary discharge permit by calling Storm Water Management at 602-256-3190 prior to discharging. 4) All washing activities that use soap, solvents, degreasers or any other chemicals must be hauled to a landfill or discharged into the sanitary sewer through a sand/oil interceptor or approved pretreatment device. 5) City Ordinance requires all commercial and industrial facilities to develop and implement a Storm Water Management Plan (SWMP).

### Material storage, handling and processing

- ◆ Cover material storage and handling areas with an awning, tarp or roof. Practice good stockpiling practices such as: storing materials on concrete or asphalt pads, surrounding stockpiles with diversion dikes or curbs and revegetating areas used for stockpiling to slow runoff.
- ◆ Use curbing, dikes or channelization around material storage, handling and processing areas to divert run-on around areas where it can come into contact with material stored or spilled on the ground.
- ◆ Use secondary containment measures, such as dikes or berms, around asphalt storage tanks and fuel oil tanks. Provide sufficient containment for outdoor storage areas for the larger of either 10 percent of the total volume of all containers or 110 percent of the largest tank.
- ◆ Use dust collection systems (i.e. baghouses) to collect airborne particles generated as a result of material handling operations or aggregate drying.
- ◆ Properly dispose of waste materials from dust collection systems and other operations.
- ◆ Remove spilled material and dust from paved portions of the facility by shoveling and sweeping on a regular basis.
- ◆ Use catch basins to collect potentially contaminated storm water.
- ◆ Implement spill plans to prevent contact of runoff with spills of significant materials.
- ◆ Clean material handling equipment and vehicles to remove accumulated dust and residue.

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Continued

- ◆ Use a detention pond or sedimentation basin to reduce suspended solids.
- ◆ Use an oil/water separator to reduce oil/grease.
- ◆ All equipment or vehicle wash water must be discharged into the sanitary sewer through an approved pretreatment device.

## **Storm Water Pollution Prevention Plan (SWPPP) or Storm Water Management Plan (SWMP)**

- ◆ Develop and implement a SWPPP or SWMP.
- ◆ All regulated facilities must submit a Notice of Intent (NOI) to the US EPA or ADEQ.

## **Inspections**

- ◆ Conduct an inspection of the facility at least quarterly and complete the storm water BMP checklist.
- ◆ Review BMPs after each inspection and modify them and the SWPPP or SWMP as needed.

## **If spills occur:**

- ◆ **Stop the source of the spill immediately.**
- ◆ **Contain the liquid until cleanup is complete.**
- ◆ **Deploy oil containment booms if the spill may reach the street or waterways.**
- ◆ **Cover the spill with absorbent material.**
- ◆ **Keep the area well ventilated.**
- ◆ **Dispose of clean-up materials properly.**
- ◆ **Do not use emulsifiers or dispersants.**

The BMPs found on this page are paraphrased from Federal Storm Water documents 40CFR122, Oct. 30, 2000.



**City of Phoenix**

STREET TRANSPORTATION DEPARTMENT  
STORM WATER MANAGEMENT SECTION

**602-256-3190**  
**or 602-495-0334 in Spanish**

Upon request, the Street Transportation Department will make this publication available through appropriate auxiliary aids or services to accommodate an individual with a disability by calling 602-256-3190; or faxing a request to 602-495-2016.